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live parts during normal operation of a device. The VDE probe test requires that a specified probe should not be able to touch the active contacts of the battery or its connectors.

In the Claims

Please cancel claims 11-16 without prejudice as to the subject matter contained therein.

Please replace claims 1, 9 and 10 with the following replacement claims.

1. (Amended) An uninterruptible power supply for providing AC power to a load, the uninterruptible power supply comprising:

- an input to receive AC power from an AC power source;
- an output that provides AC power;
- an inverter to receive DC power and to provide AC power;
- a first connector electrically coupled to the inverter;
- an energy storage device that provides the DC power, the energy storage device including:

- a plurality of terminals;
- a plurality of lead wires, each lead wire having a first end connected to one of the terminals of the energy storage device;
- a second connector adapted to connect to the first connector, each lead wire having a second end connected to the second connector;
- an energy storage device cap attached to the energy storage device and covering the terminals and the first end of each of the lead wires, wherein the energy storage device cap has a housing that forms an opening through which the plurality of lead wires pass, and wherein an underside of the energy storage device cap is constructed and arranged to provide paths to route the plurality of lead wires to the plurality of terminals; and
- a transfer switch constructed and arranged to select one of the AC power source and the energy storage device as an output power source for the uninterruptible power supply.

9. (Amended) An uninterruptible power supply for providing AC power to a load, the uninterruptible power supply comprising:

- an input to receive AC power from an AC power source;
- an output that provides AC power;

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an inverter to receive DC power and to provide AC power;
a first connector electrically coupled to the inverter;
an energy storage device that provides the DC power, the energy storage device having a plurality of terminals and a plurality of lead wires, a first end of each of the lead wires connected to one of the terminals;

housing means for covering the terminals and the first end of each of the lead wires, the housing means forming an opening for receiving the plurality of lead wires and including means for routing each of the lead wires to one of the plurality of terminals; and
a transfer switch constructed and arranged to select one of the AC power source and the energy storage device as an output power source for the uninterruptible power supply.

10. (Amended) The uninterruptible power supply as in claim 9, wherein the housing means includes means for providing strain relief for the plurality of lead wires.

Please add the following new claims 17-21:

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17. (New) A method of installing a battery into an uninterruptible power supply, the uninterruptible power supply having a first connector to couple to a battery, the method comprising:

providing a battery having a first terminal and a second terminal;
providing a battery cap having a pair of lead wires integrated into the battery cap, the lead wires passing out of the battery cap and terminating in a second connector;
installing the battery cap on the battery such that each wire of the pair of lead wires mates with one of the first terminal and the second terminal;
installing the battery into the uninterruptible power supply and mating the first connector with the second connector.

14 18. (New) The method of claim 17, wherein the mating of the first connector and the second connector is accomplished without the use of a tool.

19. (New) The method of claim 17, further comprising routing each wire of the pair of wires through a separate path in the battery cap.